Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Complete if Known			
Application Number		70		
Filing Date		4. 4. E.		
First Named Inventor	Ward, Jr., Talmadge D.			
Group Art Unit		28		
Examiner Name		6/2		
Attorney Docket Number	17846-036800	9,7		
	Filing Date First Named Inventor Group Art Unit Examiner Name	Filing Date First Named Inventor Ward, Jr., Talmadge D. Group Art Unit Examiner Name		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	U.S. Patent Document  Number Kind Code²  (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
240	1	4,098,127	Shiga et al.	07/04/1978		
***	2	4,435,770	Shiohata et al.	03/06/1984		
XNY	·3	4,453,407	Sato et al.	06/12/1984		
ho	4	4,489,606	Shiohata et al.	12/25/1984		
NA.	5	5,130,589	.Kanemitsu	07/14/1992		
349	6	5,421,199	Himmler	06/06/1995		
0						

	FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document			Name of Detector	Date of Publication of	Pages, Columns, Lines,	
Examiner Initials*		Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

WC 9031222 v1

	A			
Examiner Signature	Jehn //2	me	Date Considered	4/28/03
Charles and the second				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with dext communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.